

Re: Northside Computer Center

21 DEC 1976

Mr. Kenneth A. Jacobson, Director
Repair and Alteration Division
Regional Public Buildings Service
General Services Administration
Washington, D. C. 20418

Dear Mr. Jacobson:

The enclosed scope of work for Architect-Engineer (A/E) services describes the facilities and supporting utilities required for the new Northside Computer Center at the Central Intelligence Agency Headquarters Building. Included are: Renovation of approximately 20,000 square feet of environmentally-controlled computer space and service areas which will operate continuously; construction of a 1500-2000 kVA electrical distribution system from an existing transformer vault (C Vault expanded) to the aforementioned center through separate, Agency-furnished Uninterruptible Power Supply (UPS) systems for 60 Hz (1500 kVA) and 415 Hz (300 kVA) power; extension of the existing central plant/house chilled-water piping system to provide approximately 400 tons of air-conditioning capacity; and the expansion of the existing low voltage electrical distribution riser system for the entire Headquarters Building (to support user computer terminal areas).

The aforementioned C Vault expansion design will reflect the concentrated load requirements of the Northside Computer Center and is being accomplished through use of Agency resources. A separate work authorization covering complete installation will be issued to the General Services Administration (GSA) shortly.

The Data Grid connecting the new computer center to user terminal areas will be developed concurrently using broad band communication techniques. Detailed engineering and construction plans will be designed by an electronic systems engineering firm and installed as part of the computer installations using Agency resources.

Minor renovations of the computer user areas to cluster terminal devices will be designed using in-house Agency resources as the system grows in the 1970-1981 period. It is anticipated that this construction will utilize the GSA Buildings Manager's group forces or term contractors.

Mr. Kenneth A. Jacobson

The acquisition and preparation of additional new space outside of the Headquarters Building in support of this project will be handled separately.

The engineering plans and specifications for the installation of the second 2500 kw generator have been reviewed by GSA. The Work Authorization Nos. 76-2688 and 76-2689 covering installation of this Agency-purchased equipment are already being processed by Repair and Alteration Division personnel.

The aforementioned engineering plans provided for the potential requirement of a third 2500 kw generator to support this new computer center. Completion of detailed engineering for this installation will be accomplished using Agency resources. A separate work authorization covering installation of this Agency-furnished generator will be forthcoming based on the completion of an ongoing engineering evaluation.

Pursuant to our joint meeting of 20 November 1976, this scope of work is submitted in order to initiate the A/E selection process. A new work authorization is being forwarded to establish and fund this design project. The target construction completion date of the approximately 10,000 square feet initial phase of the computer center is reconfirmed as 1 July 1978. Correspondingly, the 60 and 415 Hz UPS should be available in a similar time frame.

We look forward to working with you on this challenging project.

Sincerely,

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Chief
Real Estate and Construction Division, DC

Enc.

cc: Mr. James B. Stewart, Acting Director
Construction Management Division

cc: Mr. Lynn Young, Buildings Manager
McLean Field Office

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